

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000355

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: E21B 19/16**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: E21B**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2923192 A (J.S. MONTGOMERY ET AL), 2 February 1960 (02.02.1960), column 2 - column 4, figures 1,2 --	1-3
A	US 4309922 A (G.H. BECKLEY ET AL), 12 January 1982 (12.01.1982) --	1-10
A	WO 0151763 A1 (PEVATEC AS), 19 July 2001 (19.07.2001) -----	10

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 March 2005

Date of mailing of the international search report

29-03-2005

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer

Christer Bäcknert / MRO  
Telephone No. +46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

01/03/2005

International application No.

PCT/NO 2004/000355

US	2923192	A	02/02/1960	NONE		
US	4309922	A	12/01/1982	AU	535158 B	08/03/1984
				AU	5920180 A	18/12/1980
				BE	883815 A	01/10/1980
				CA	1133888 A	19/10/1982
				CA	1151145 A	02/08/1983
				JP	1474860 C	18/01/1989
				JP	56006895 A	24/01/1981
				JP	63020995 B	02/05/1988
WO	0151763	A1	19/07/2001	AU	1899300 A	24/07/2001
				BR	9917575 A	06/08/2002
				CA	2393933 A	19/07/2001
				CN	1391633 T	15/01/2003
				EA	3648 B	00/00/0000
				EP	1264070 A	11/12/2002
				JP	2003528231 T	24/09/2003
				MX	PA02005708 A	09/12/2002
				NO	310526 B	16/07/2001
				NO	996016 A	08/06/2001
				PL	356331 A	28/06/2004